### CDAW2010

# Grad-Shafranov Reconstruction Results Qiang Hu Qh0001@uah.edu

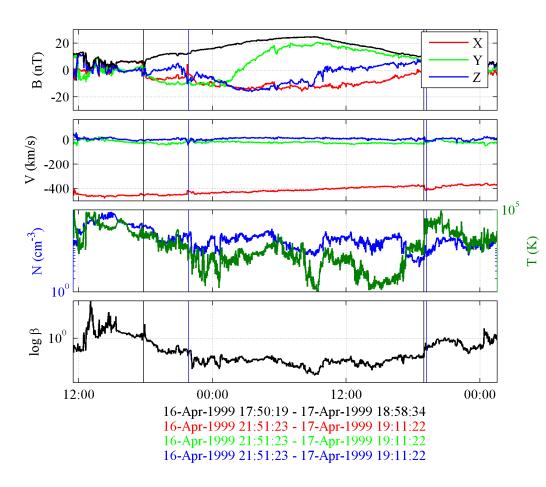
## Typical MCs Classification

(based on the magnetic field magnitude profile)

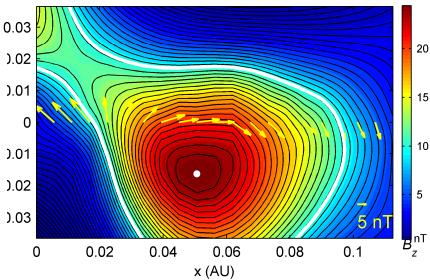
Center-peaked
 Down-sloped
 Bit

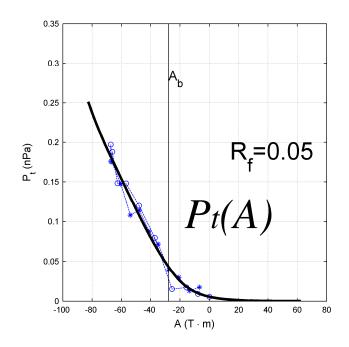
3. Irregular (everything else)

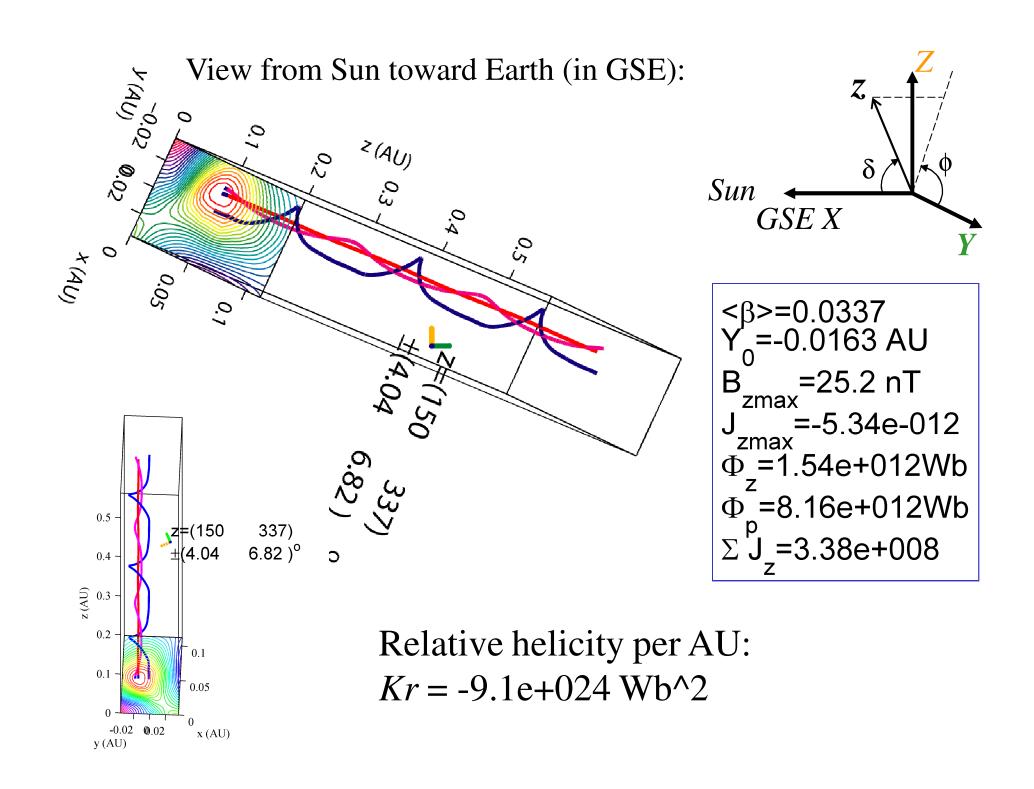
#### 1.#9



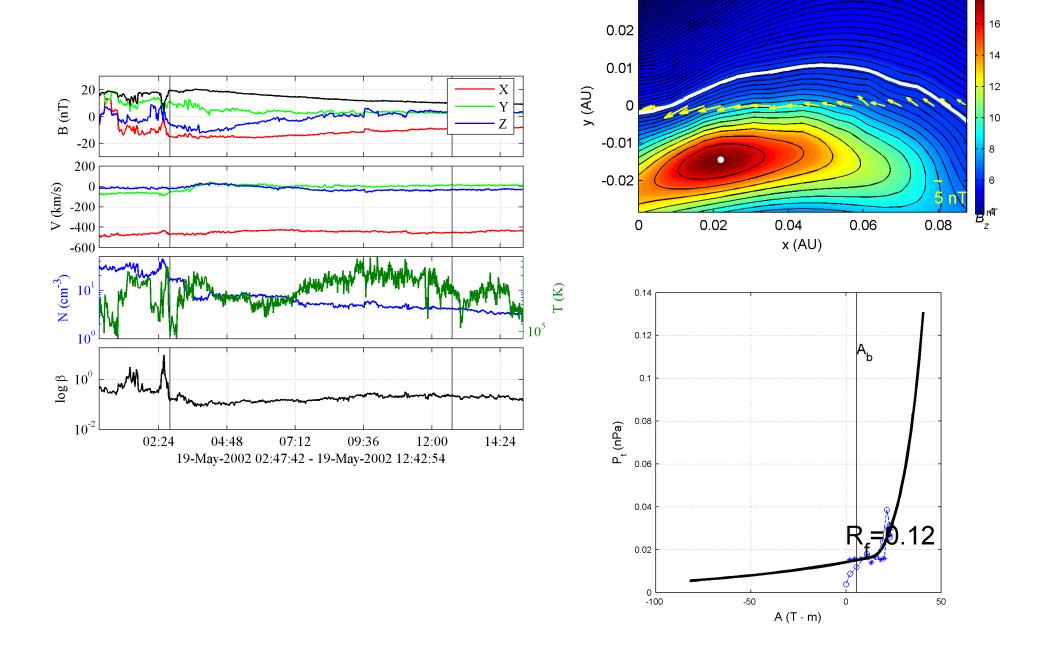
#### Cross-section:



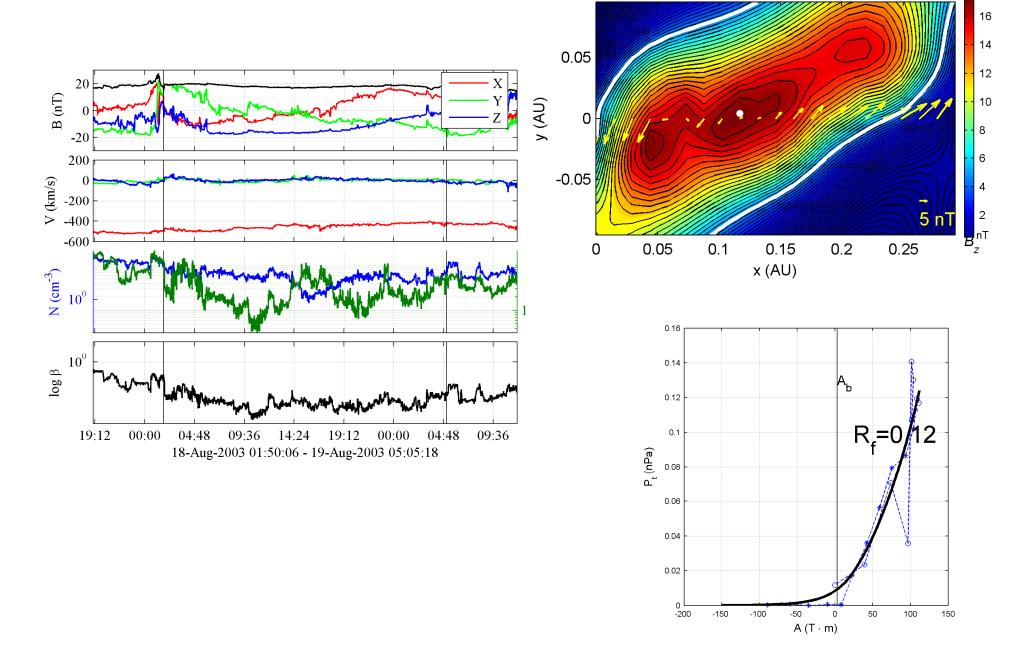


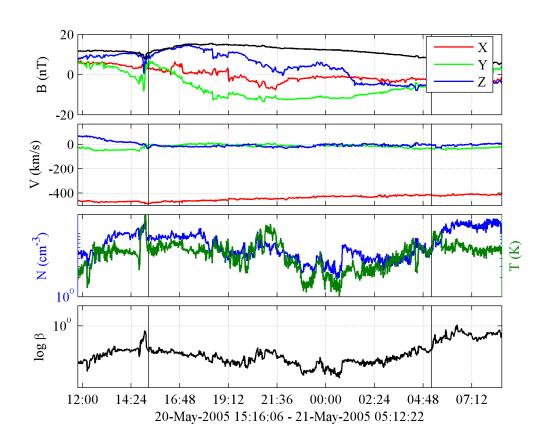


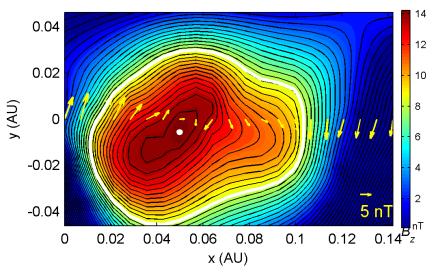
2. #39

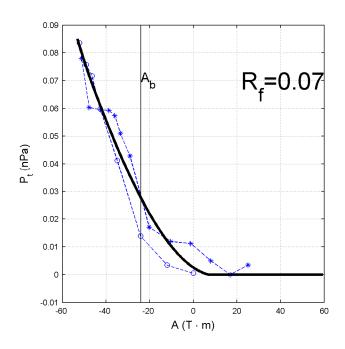


3. #44

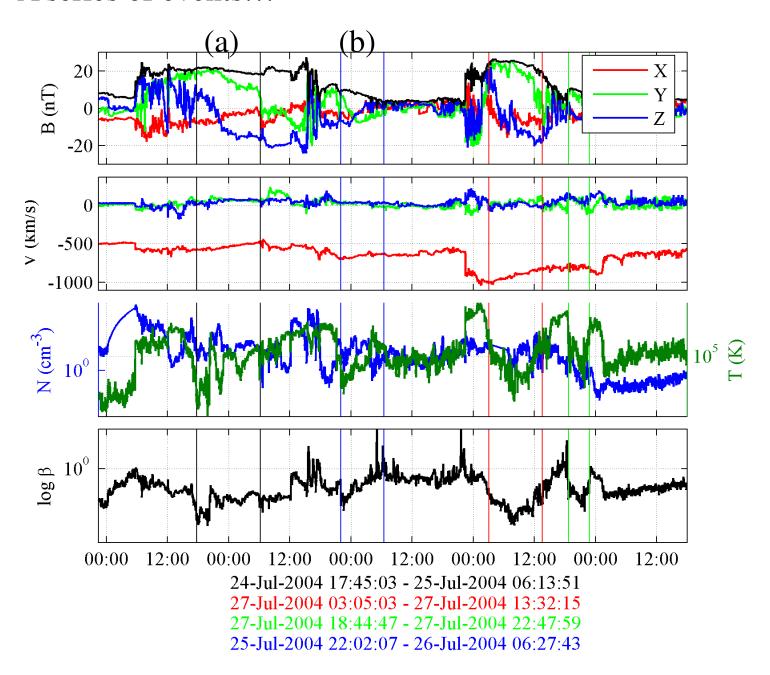




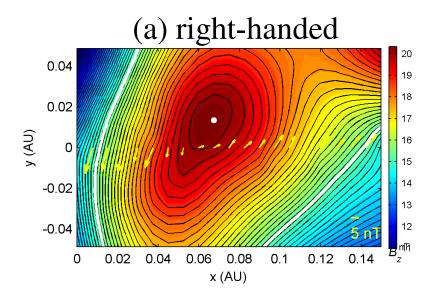


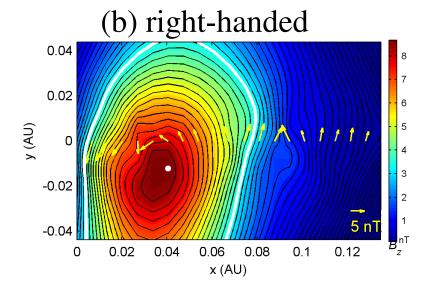


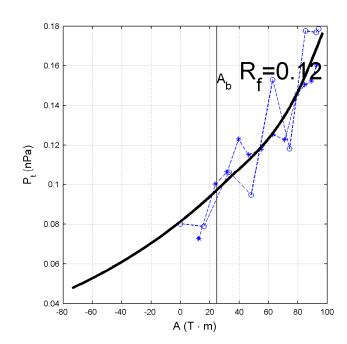
#### A series of events...

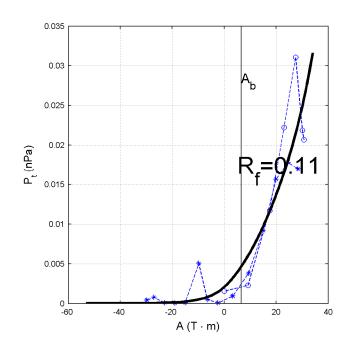


#48



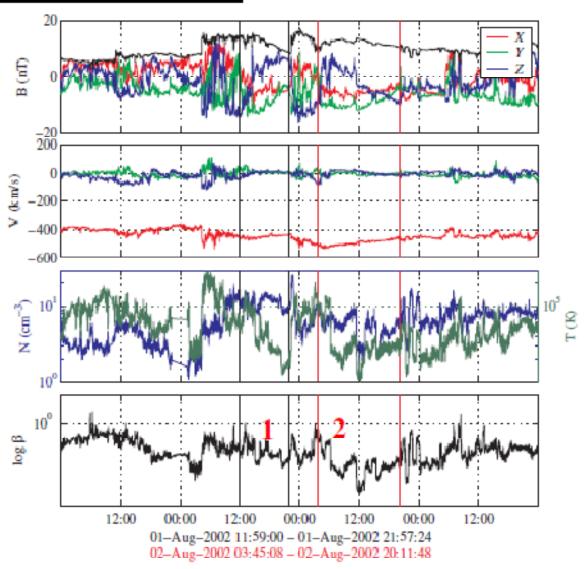


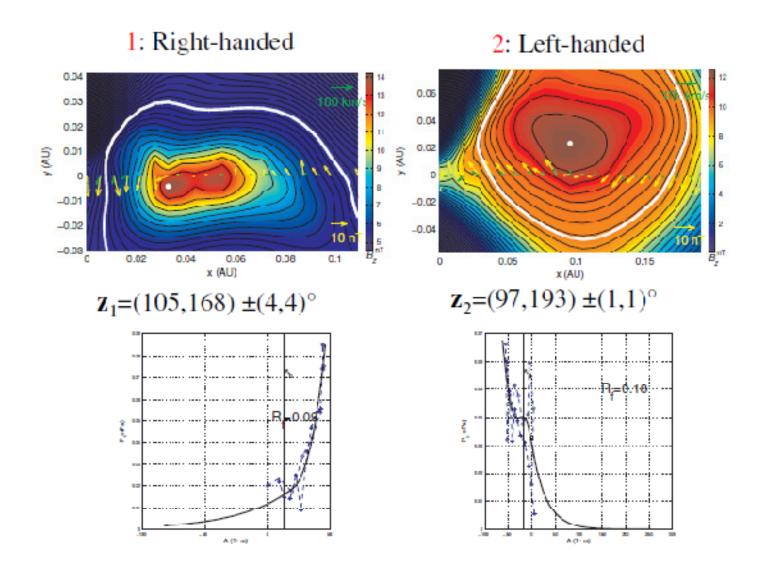




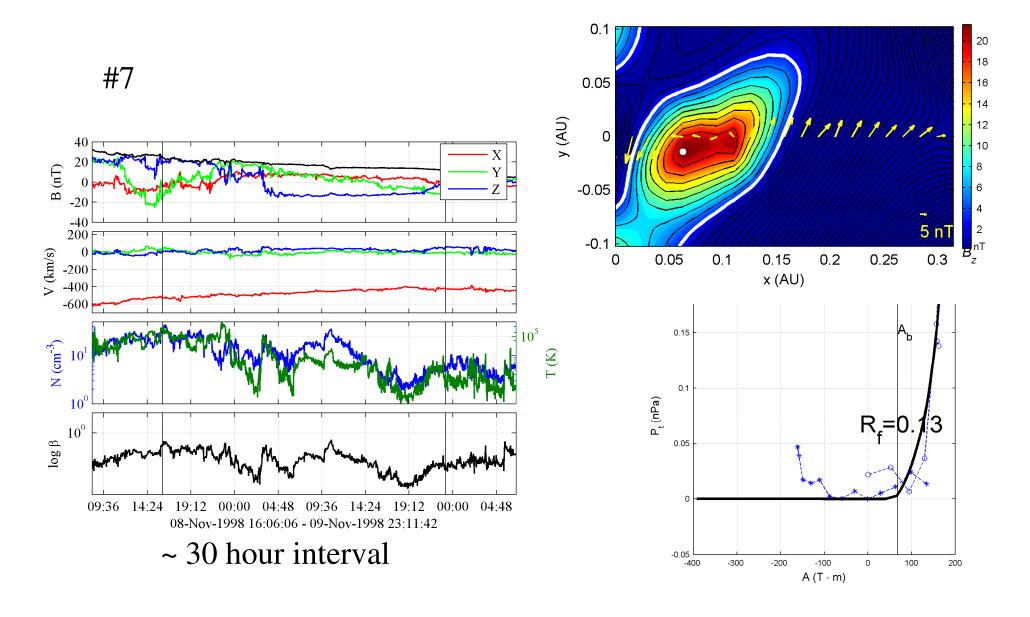
#43

#### August 1<sup>st</sup> and 2<sup>nd</sup> 2002 event

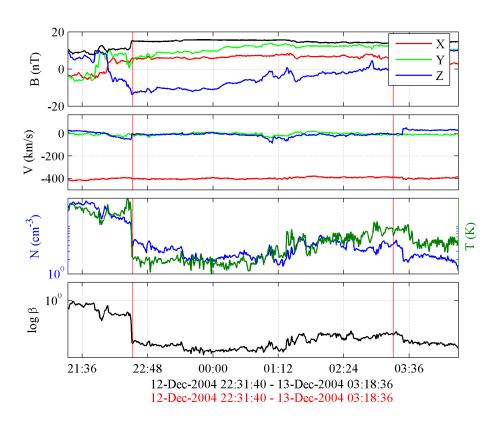




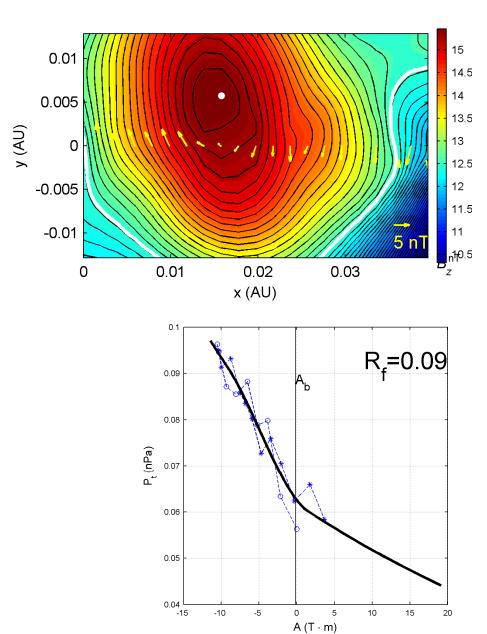
# Ejecta (flux rope embedded)







~ 5 hour interval



# More analysis results available upon request.

Source code (in Matlab) freely available upon request.